

MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY*
DANIEL J. STANGER
SHRINATH MALUR*

GENE W. STOCKMAN
Of Counsel

JEFFREY M. KETCHUM
Registered Patent Agent

* Bar Membership Other Than Virginia

ATTORNEYS AT LAW

1800 DIAGONAL ROAD, SUITE 370
ALEXANDRIA, VIRGINIA 22314

(703) 684-1120

PATENT, TRADEMARK
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

22278 U.S. PTO
10/701511
110603

CUSTOMER NO. 24956

Date: November 6, 2003

Attorney Docket No. T&A-122

To: Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir: Transmitted herewith for filing is the patent application of:

Inventor: R. TAKEMURA et al

For:

SEMICONDUCTOR DEVICE

Enclosed are:



21

Sheets of Drawings



This application is being filed without an executed Declaration.



Priority is claimed from Japanese

Application No. 2002-324644

filed November 8, 2002



A certified copy is attached herewith.

which is hereby
incorporated by
reference.



Copies of the disclosure documents listed on the attached PTO 1449 form and

☒ discussed in the specification or ☒ attached Information Disclosure Statement.



Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.



Specification: Abstract ☒ Description ☒ 41 pages; and ☒ 26 claim(s).



Preliminary Amendment.



Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	26 - 20 =	* 6
Indep Claims	6 - 3 =	* 3
<input type="checkbox"/> Multiple Dependent Claim (s)		

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

Rate	Fee
	\$ 770
x 18	\$ 108
x 86	\$ 258
+ 280	\$ 0
Total	\$ 1,136

* If difference is less than zero
then enter '0' in second column



A check or credit card payment form in the amount of \$ 1,136.00 is enclosed for the filing fee.



The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

John R. Mattingly

Registration No. 30,293

LIST OF INVENTORS' NAMES AND ADDRESSES

Riichiro TAKEMURA, Tokyo, JAPAN;

Tomonori SEKIGUCHI, Tama, JAPAN;

Takeshi SAKATA, Hino, JAPAN;

Shinichi MIYATAKE, Ome, JAPAN;

Hiromasa NODA, Tokyo, JAPAN;

Kazuhiko KAJIGAYA, Iruma, JAPAN.